IN THE CLAIMS:

Please amend claim 1 as follows:

1. (Currently Amended) A method of aligning clocks over multiple networks having different clock domains, comprising:

transmitting timestamped packets over said networks between source and destination nodes via a plurality of intermediate nodes, said timestamped packets conveying timing information based on a source clock at said source node;

determining the expected delay per node for said timestamped packets to ~~over~~ traverse multiple nodes for a given traffic density;

determining the chance of a timestamped packet not being delayed between said nodes;

identifying ~~at least one~~ a plurality of intermediate nodes between said source and destination node where ~~said determined~~ the expected delay between said intermediate nodes and the chance of a packet not being delayed is such as to permit clock restoration within predefined acceptable parameters;

restoring said source clock at each said ~~at least one~~ identified intermediate restoration node from the timestamped packets received at that node to generate a restored intermediate clock signal;

producing from said restored intermediate clock signal new timestamped packets conveying timing information based on said restored intermediate clock signal; ~~and~~

forwarding said new timestamped packets to said next intermediate node or said destination node when said new timestamped packets are produced from the last intermediate node.

2. (Original) A method as claimed in claim 1, wherein said source clock is restored at said restoration points by physical clock restoration using a phase locked loop.

3. (Original) A method as claimed in claim 1, wherein said source clock is restored at said restoration points by numerical techniques.

4. (Original) A method as claimed in claim 1, wherein said source clock is restored at said restoration points by a combination of a physical restoration and a numerical technique.

5. (Original) A method as claimed in claim 1, wherein each restoration has a HOLDOVER functionality as part of the restoration.